

# DEPARTMENT OF ENVIRONMENTAL PROTECTION BACTERIOLOGICAL ANALYSIS REPORT - CONTAMINANT ID#3100

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|----------------------------|---|----------------------------|--|
| <b>PWS ID #</b><br>1191000 | <b>Public Water System Name</b><br>Monson Water & Sewer Dept. | <b>Town/City</b><br>Monson | <b>Laboratory Name &amp; ID #</b><br>Spectrum Analytical, Inc. M-MA138 |
|----------------------------|---|----------------------------|--|

| DEF Approved Sample Site |                 |        |                  |                 |                 |               |            |                      |               |                        |                 |        |                      |
|--------------------------|-----------------|--------|------------------|-----------------|-----------------|---------------|------------|----------------------|---------------|------------------------|-----------------|--------|----------------------|
| Sample Type              | Lab Sample ID # | Code # | Location         | Collection Date | Collection Time | Analysis Date | TCM Code # | Tot Coliform/100ml** | FC/ECM Code # | Fecal - E.Coli/100ml** | Chlor. Residual | HPC/ml | Sample Collected by: |
| RS                       | SA66207-01      | 001    | Gate House       | 8/6/07          | 08:56           | 8/6/07        | *303       | 0                    | *303          |                        |                 |        | Tom Murphy           |
| RS                       | SA66207-02      | 003    | Middle School    | 8/6/07          | 09:11           | 8/6/07        | *303       | 0                    | *303          |                        |                 |        | Tom Murphy           |
| RS                       | SA66207-03      | 009    | MDC Meter Bld.   | 8/6/07          | 09:22           | 8/6/07        | *303       | 0                    | *303          |                        |                 |        | Tom Murphy           |
| RS                       | SA66207-04      | 007    | Fire Station     | 8/6/07          | 10:00           | 8/6/07        | *303       | 0                    | *303          |                        |                 |        | Tom Murphy           |
| RW                       | SA66207-06      |        | Bunyan Road Well | 8/6/07          | 09:30           | 8/6/07        | *303       | 0                    | *303          |                        |                 |        | Tom Murphy           |
| RW                       | SA66207-07      |        | Palmer Road Well | 8/6/07          | 09:45           | 8/6/07        | *303       | 0                    | *303          |                        |                 |        | Tom Murphy           |
|                          |                 |        |                  |                 |                 |               |            |                      |               |                        |                 |        |                      |

|   |  |    |   |   |   |                    |   |   |   |         |   |   |   |        |   |   |   |        |   |   |   |
|---|--|----|---|---|---|--------------------|---|---|---|---------|---|---|---|--------|---|---|---|--------|---|---|---|
| <b>SAMPLE TYPE KEY</b><br>RS- ROUTINE SAMPLE<br>RO- ORIGINAL SITE REPEAT<br>UR- UPSTREAM REPEAT<br>DR- DOWNSTREAM REPEAT<br>AR- ADD. REPEAT (DIST SYSTEM)<br>RW- RAW WATER<br>SS- SPECIAL<br>PT- PLANT TAP SAMPLE | <b>TOTAL COLIFORM METHOD (TCM) CODE #</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>MF</td><td>3</td><td>0</td><td>3</td></tr> <tr><td>MTF</td><td>3</td><td>0</td><td>5</td></tr> <tr><td>P-A</td><td>3</td><td>0</td><td>7</td></tr> <tr><td>ONPG</td><td>3</td><td>0</td><td>9</td></tr> <tr><td>***</td><td>3</td><td>1</td><td>1</td></tr> </table>                                     | MF | 3 | 0 | 3 | MTF                | 3 | 0 | 5 | P-A     | 3 | 0 | 7 | ONPG   | 3 | 0 | 9 | ***    | 3 | 1 | 1 |
| MF  | 3  | 0  | 3 |   |   |                    |   |   |   |         |   |   |   |        |   |   |   |        |   |   |   |
| MTF   | 3  | 0  | 5 |   |   |                    |   |   |   |         |   |   |   |        |   |   |   |        |   |   |   |
| P-A   | 3  | 0  | 7 |   |   |                    |   |   |   |         |   |   |   |        |   |   |   |        |   |   |   |
| ONPG  | 3  | 0  | 9 |   |   |                    |   |   |   |         |   |   |   |        |   |   |   |        |   |   |   |
| ***   | 3  | 1  | 1 |   |   |                    |   |   |   |         |   |   |   |        |   |   |   |        |   |   |   |
| <b>REMARKS:</b> *303=EPA Method 1604: Total Coliforms and Escherichia coli in Water by Membrane Filtration Using a Simultaneous Detection Technique (MI Medium)   | <b>FECAL COLIFORM/ E. COLI METHOD (FC/ECM) CODE #</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>EC</td><td>4</td><td>0</td><td>0</td></tr> <tr><td>SWTR-MFC raw water</td><td>4</td><td>0</td><td>1</td></tr> <tr><td>MNO-MUG</td><td>4</td><td>0</td><td>6</td></tr> <tr><td>EC-MUG</td><td>4</td><td>0</td><td>8</td></tr> <tr><td>NA-MUG</td><td>4</td><td>1</td><td>0</td></tr> </table> | EC | 4 | 0 | 0 | SWTR-MFC raw water | 4 | 0 | 1 | MNO-MUG | 4 | 0 | 6 | EC-MUG | 4 | 0 | 8 | NA-MUG | 4 | 1 | 0 |
| EC  | 4  | 0  | 0 |   |   |                    |   |   |   |         |   |   |   |        |   |   |   |        |   |   |   |
| SWTR-MFC raw water  | 4  | 0  | 1 |   |   |                    |   |   |   |         |   |   |   |        |   |   |   |        |   |   |   |
| MNO-MUG   | 4  | 0  | 6 |   |   |                    |   |   |   |         |   |   |   |        |   |   |   |        |   |   |   |
| EC-MUG  | 4  | 0  | 8 |   |   |                    |   |   |   |         |   |   |   |        |   |   |   |        |   |   |   |
| NA-MUG  | 4  | 1  | 0 |   |   |                    |   |   |   |         |   |   |   |        |   |   |   |        |   |   |   |

SUBCONTRACTED LAB (IF APPLICABLE): \_\_\_\_\_

ANALYZED BY: Spectrum Analytical, Inc. (LAB USE) DATE: 8/6/07

AUTHORIZED BY: [Signature] (LAB USE) DATE: 8/14/07

\* LAB ID# ASSIGNED BY STATE CERTIFICATION PROGRAM  
 \*\* CAN BE EXPRESSED AS #/100ML, PRESENT (P), ABSENT (A), OR TOO NUMEROUS TO COUNT (TN/C)  
 \*\*\* CLOSURE METHOD- THIS CAN DO TOTAL COLIFORM AND E. COLI SIMULTANEOUSLY, HOWEVER THE SAMPLE MUST BE INCUBATED 28 TO 48 HOURS.

COPY 1: COPY TO DEP REGIONAL OFFICE; COPY 2: OWNER COPY; COPY 3: LAB COPY

FILE: coliform2.htm 10/25/96